

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Koichi TERUNUMA

Application No.: 10/667,349

Filed: September 23, 2003

Docket No.: 117264

For: MAGNETORESISTIVE EFFECTIVE ELEMENT, THIN FILM MAGNETIC HEAD,  
MAGNETIC HEAD DEVICE AND MAGNETIC RECORDING/ REPRODUCING  
DEVICE

INFORMATION DISCLOSURE STATEMENT


Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the non-English language reference is discussed in the present specification.
- ☒ 3. An English-language translation of the non-English language reference is attached hereto.

Respectfully submitted,

  
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JAO:JSA/amo  
Date: November 6, 2003

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| Form PTO-1449<br>(REV. 8-83)  |  | US Dept. of Commerce<br>PATENT & TRADEMARK OFFICE |            | ATTY DOCKET NO.<br>117264         |                 | APPLICATION NO.<br>10/667,349 |  |
| INFORMATION DISCLOSURE STATEMENT<br><br>(Use several sheets if necessary)   |  |   |            | APPLICANT(S)<br>Koichi TERUNUMA   |                 |                               |  |
|   |  |   |            | FILING DATE<br>September 23, 2003 |                 |                               |  |
| U.S. PATENT DOCUMENTS   |  |   |            |                                   |                 |                               |  |
| EXAMINER<br>INITIAL   |  | DOCUMENT NUMBER                                   | DATE       | NAME                              | CLASS           | SUB<br>CLASS                  |  |
|   |  |   |            |                                   |                 |                               |  |
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| FOREIGN PATENT DOCUMENTS  |  |   |            |                                   |                 |                               |  |
|   |  | DOCUMENT NUMBER                                   | DATE       | COUNTRY                           | CLASS           | SUB<br>CLASS                  |  |
|   |  | JP A 2000-262519 w/trans                          | 09/26/2000 | Japan                             |                 |                               |  |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)  |  |   |            |                                   |                 |                               |  |
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| EXAMINER  |  |   |            |                                   | DATE CONSIDERED |                               |  |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |  |   |            |                                   |                 |                               |  |

Date: November 6, 2003